

FIG.1

FIG.2

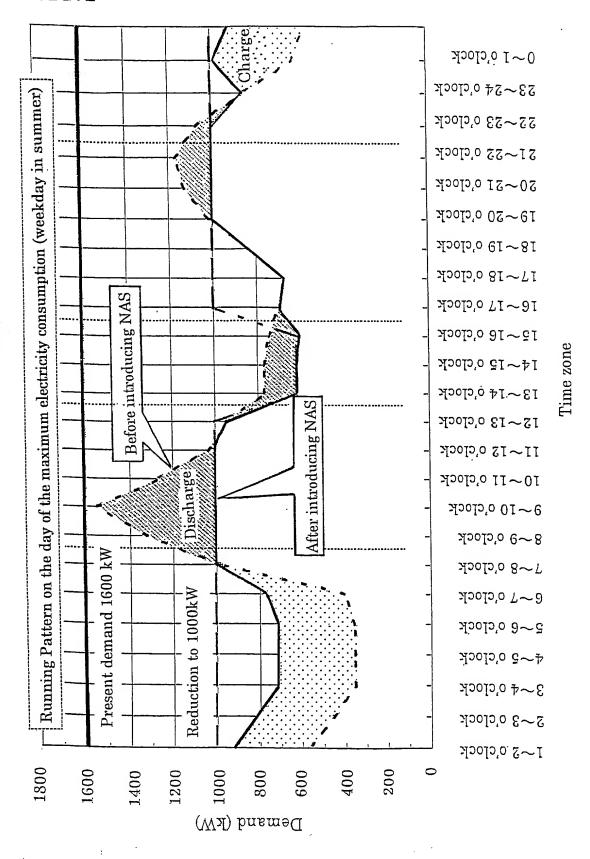


FIG.3

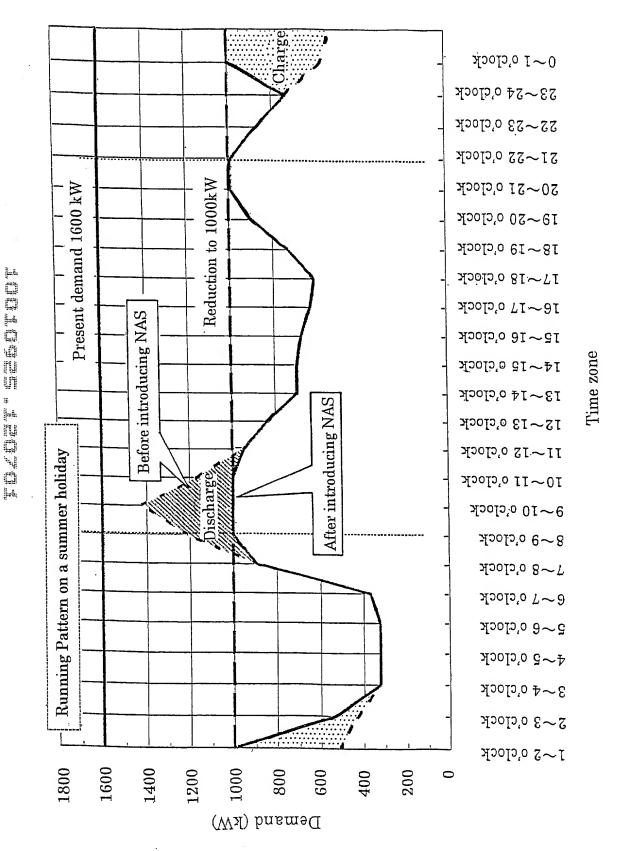
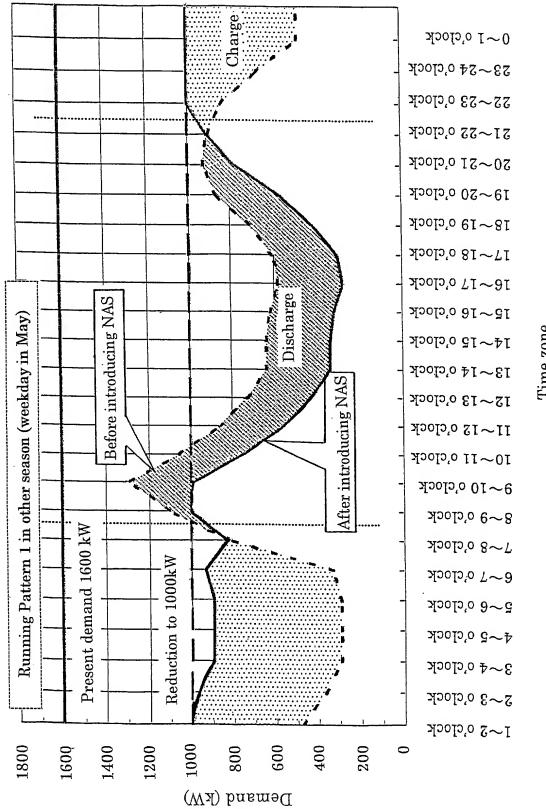
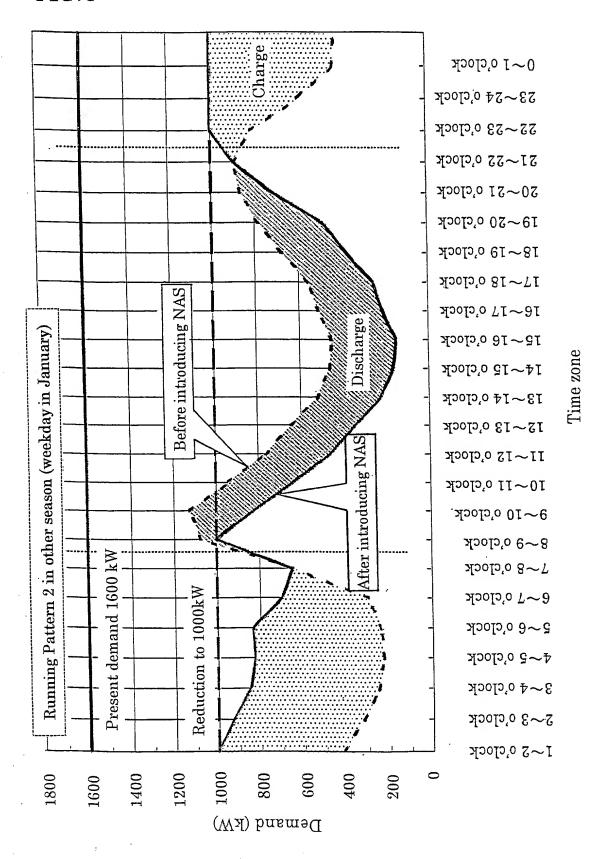


FIG.4



me zone

FIG.5



## Electricity consumption (kWh/h)

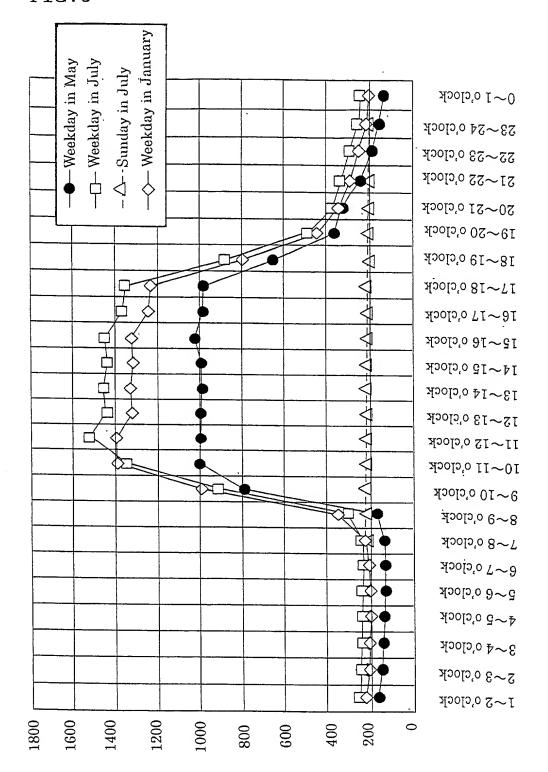
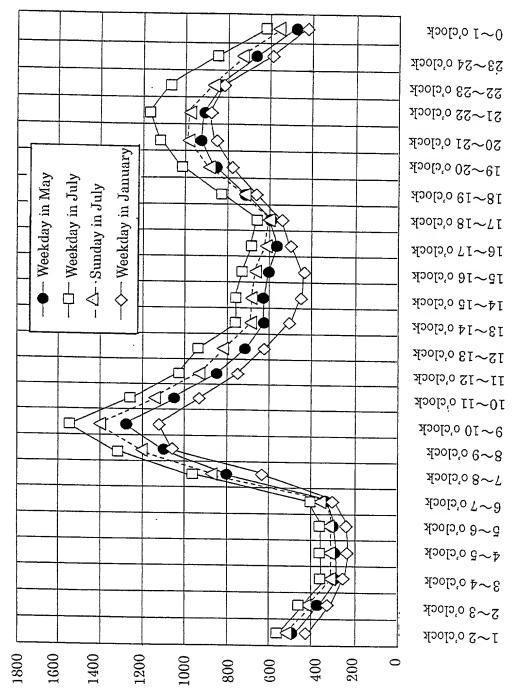


FIG.6

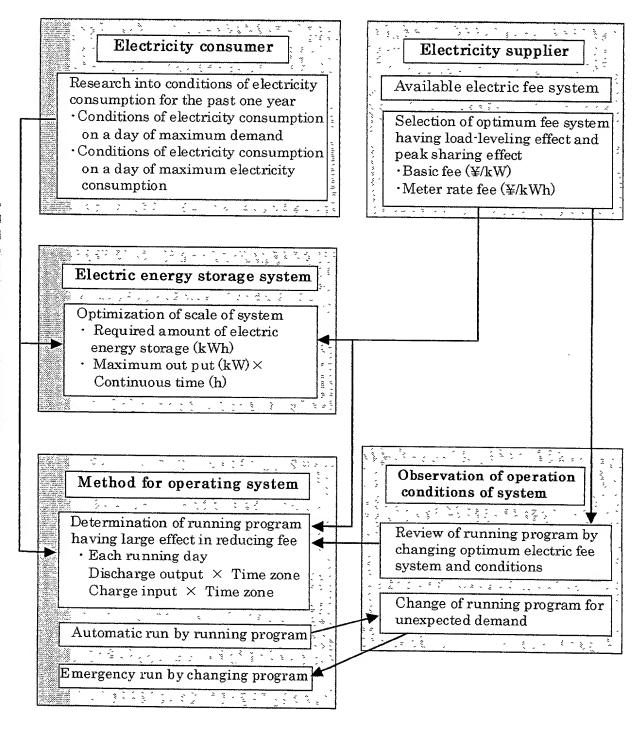
Time zone

FIG.7

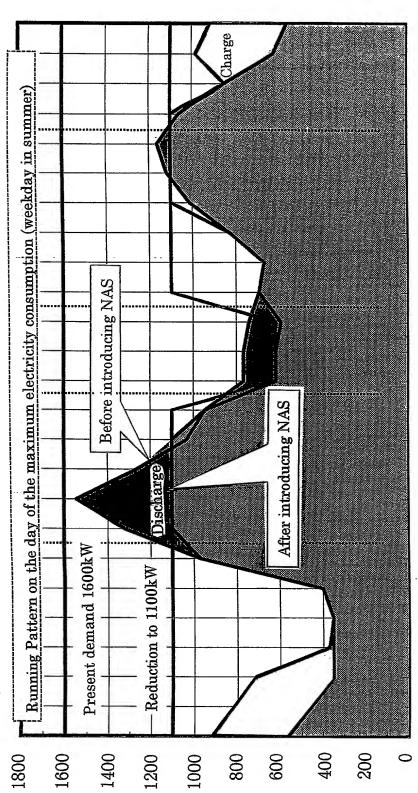


Electricity consumption (kWh/h)

FIG.8



System flow from setting up to storage system operation of electric energy



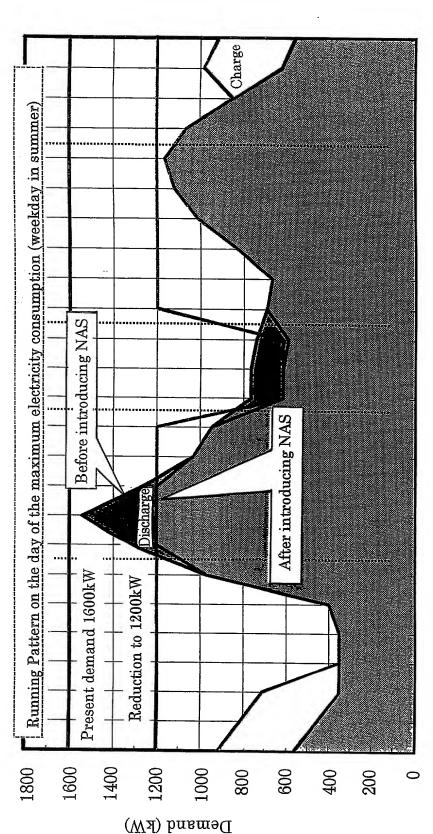
Demand (kW)

 $0 \sim 1$  o,clock  $53\sim54$  o,clock  $22\sim23$  o'clock  $51\sim52$  o,cjock  $50 \sim 51$  o,cjock  $19\sim$ 50 o'clock  $18\sim19$  o,cjock  $17\sim18$  o'clock  $16\sim17$  o'clock  $12\sim16$  o'clock 14~12 o,cjock  $13\sim14$  o,clock  $15\sim13$  o,clock  $11\sim12$  o'clock  $10\sim11$  o,clock  $9\sim10$  o,cjock 8~9 o,cjock  $7\sim8$  o'clock  $6\sim 7$  o'clock  $2\sim$ 6 o'clock ₹~2 o,cjock 3~₹ o,cjock  $5\sim3$  o'clock

1~S o'clock

FIG.9

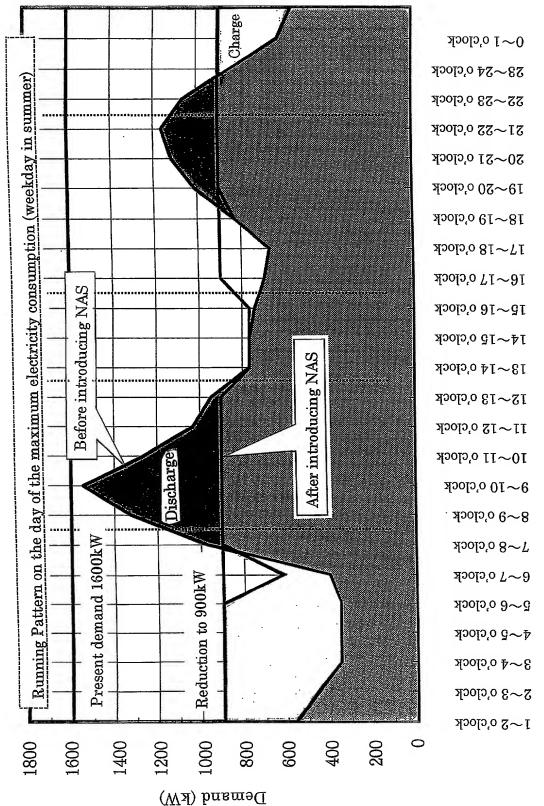
FIG. 10



 $0\sim$ 1 o,clock  $53\sim24$  o'clock 22~23 o'clock  $51\sim$  25 o'clock 20~21 o'clock 19~20 o'clock 18~19 o'clock  $11\sim18$  o,clock  $16\sim17$  o'clock  $15\sim16$  o'clock 14~12 o,cjock 13~14 o,cjock 12~13 o'clock  $11\sim12$  o'clock  $10\sim11$  o,clock  $9\sim10$  o,cjock  $8\sim$ 8 o,cjock  $7\sim 8$  o'clock  $6\sim7$  o'clock  $2\sim$ 6 o'clock ₹~2 o,cjock 3~₹ o,cjock  $2\sim3$  o'clock  $1\sim$ S oʻclock

'ime zone

FIG. 11



Pime zone